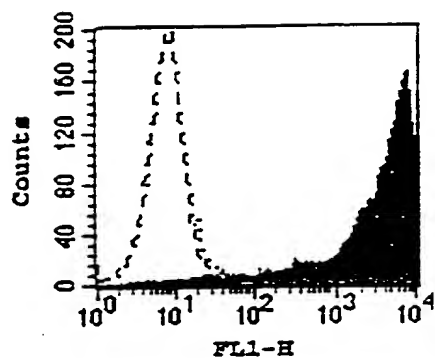
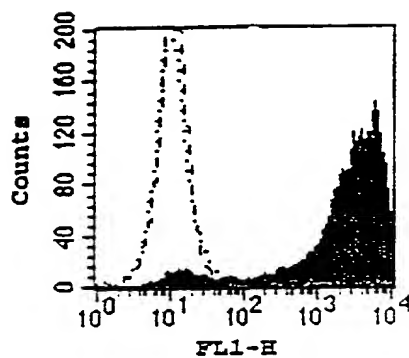


Figure 1

2A



2B



Figures 2A-2B

000720 2522560

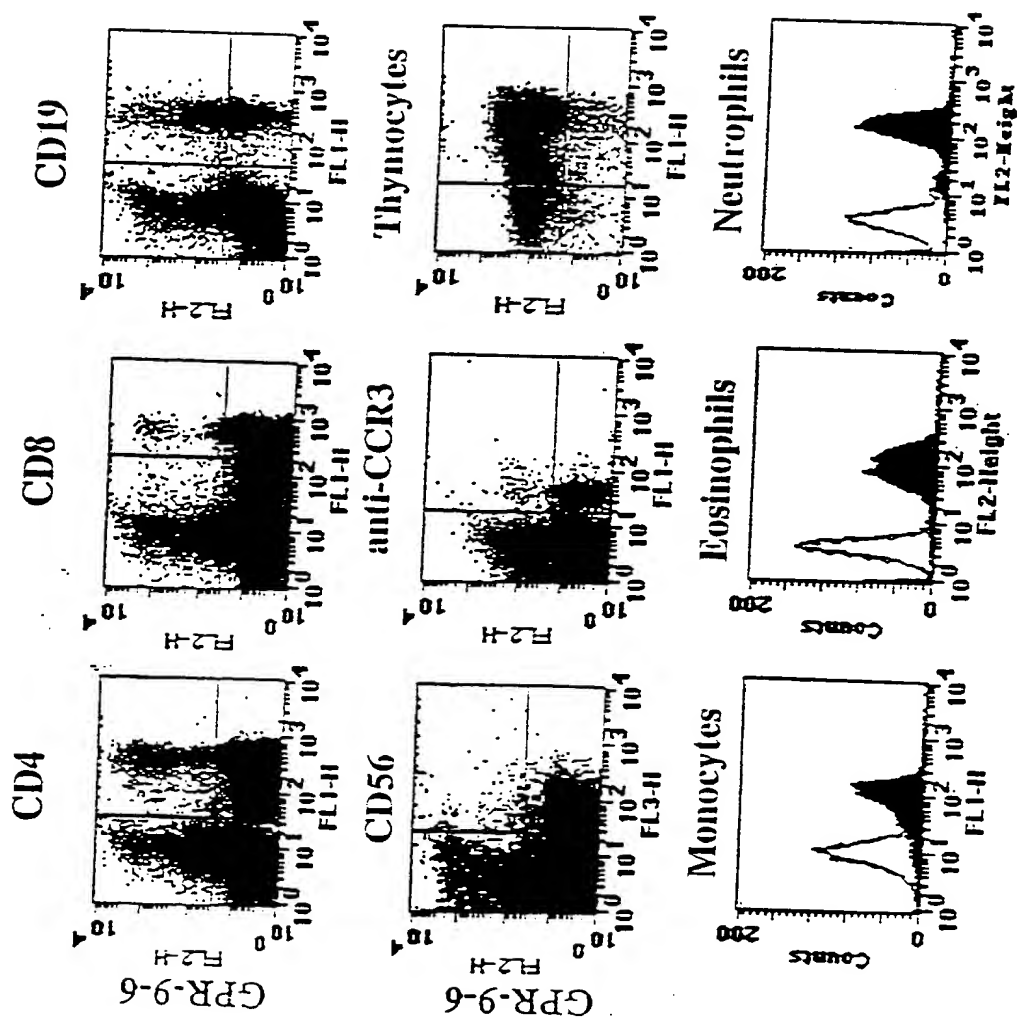
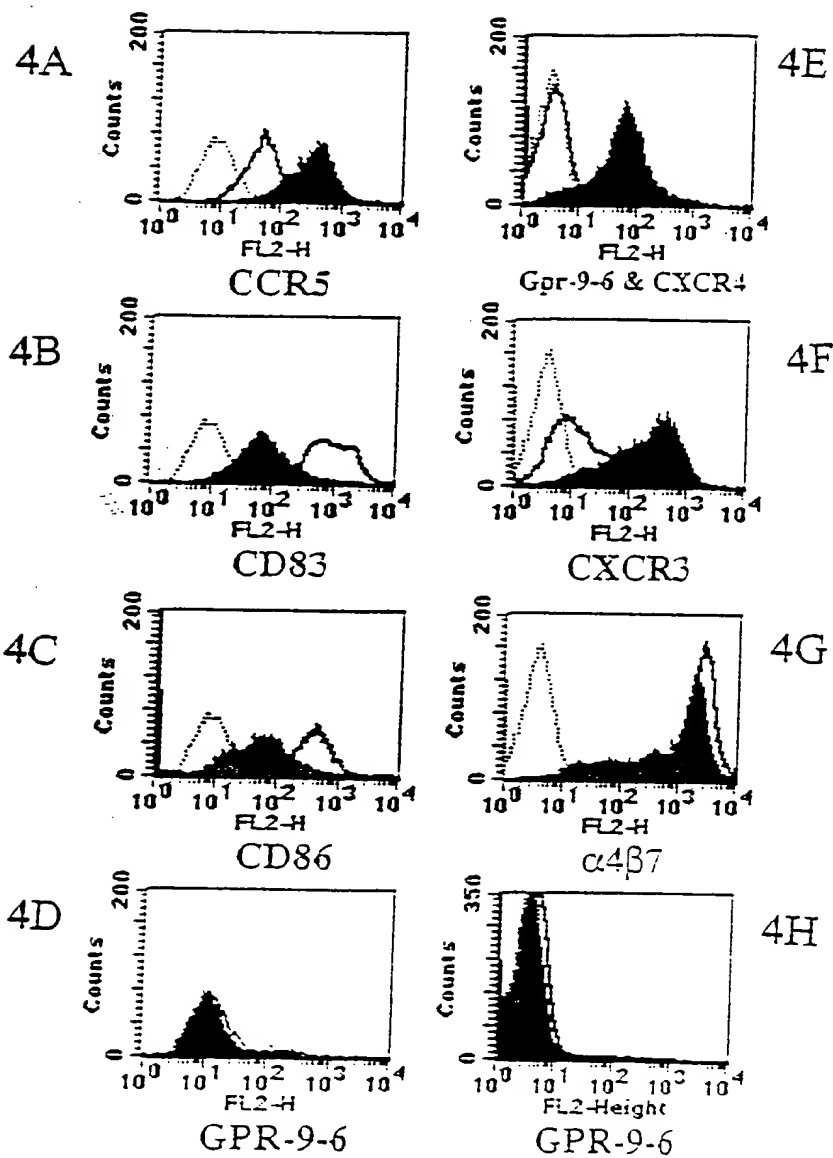


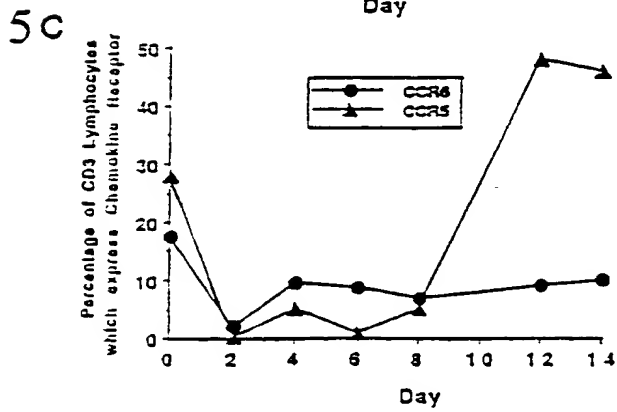
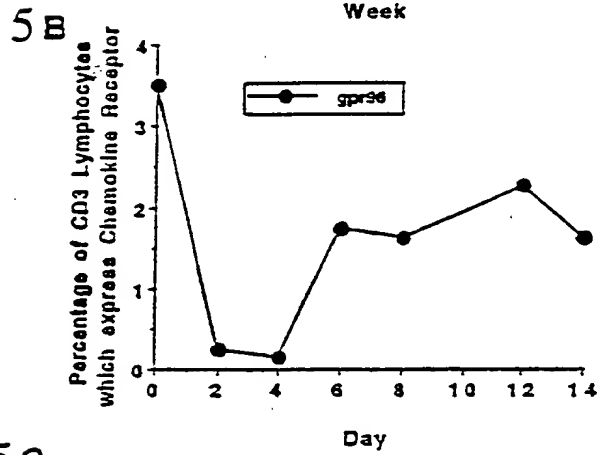
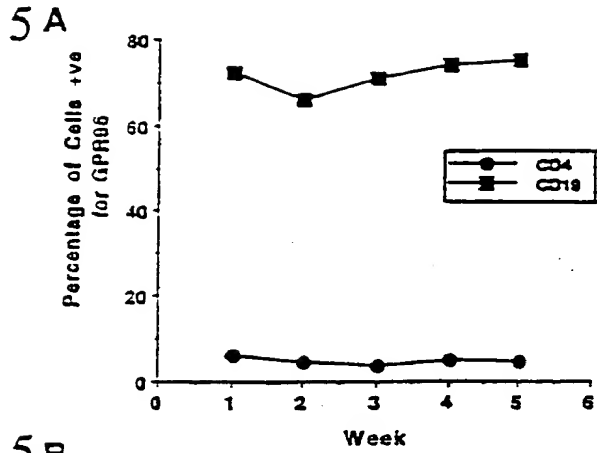
Figure 3

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Figures 4A-4H

5/25



Figures 5A-5C

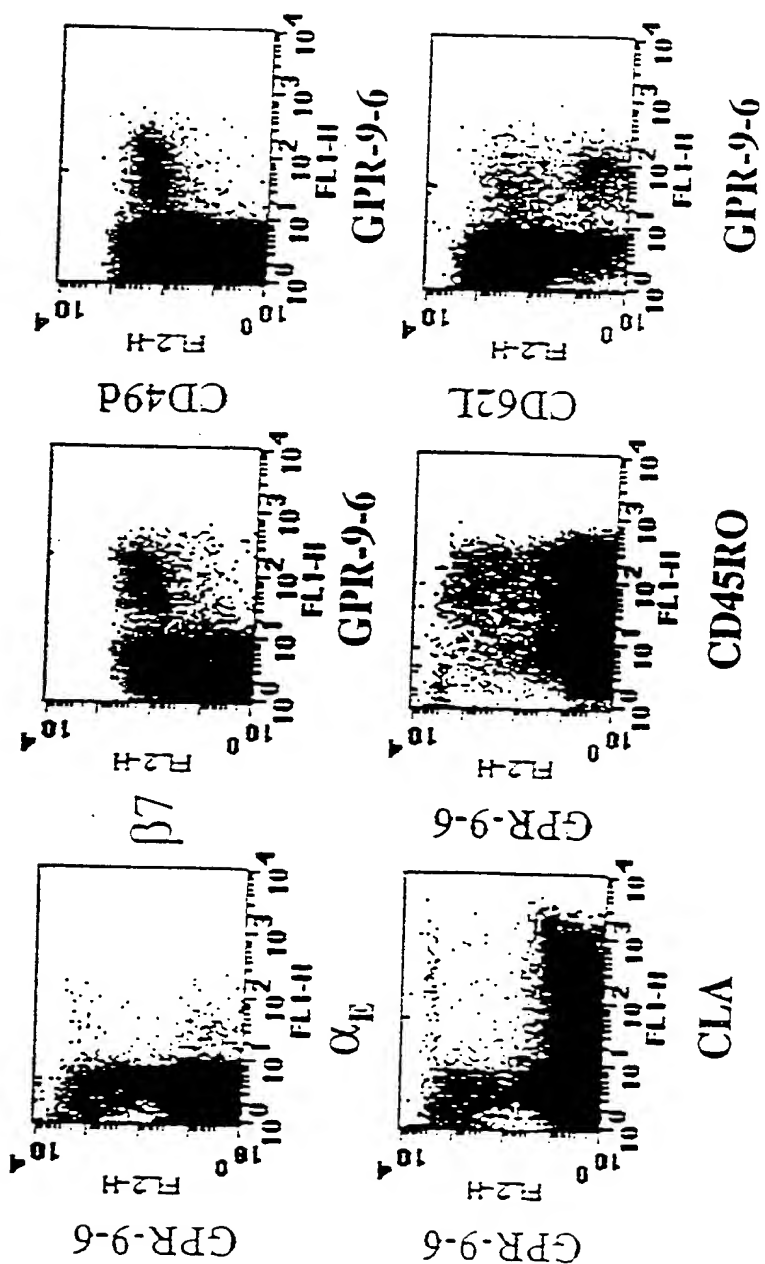


Figure 6

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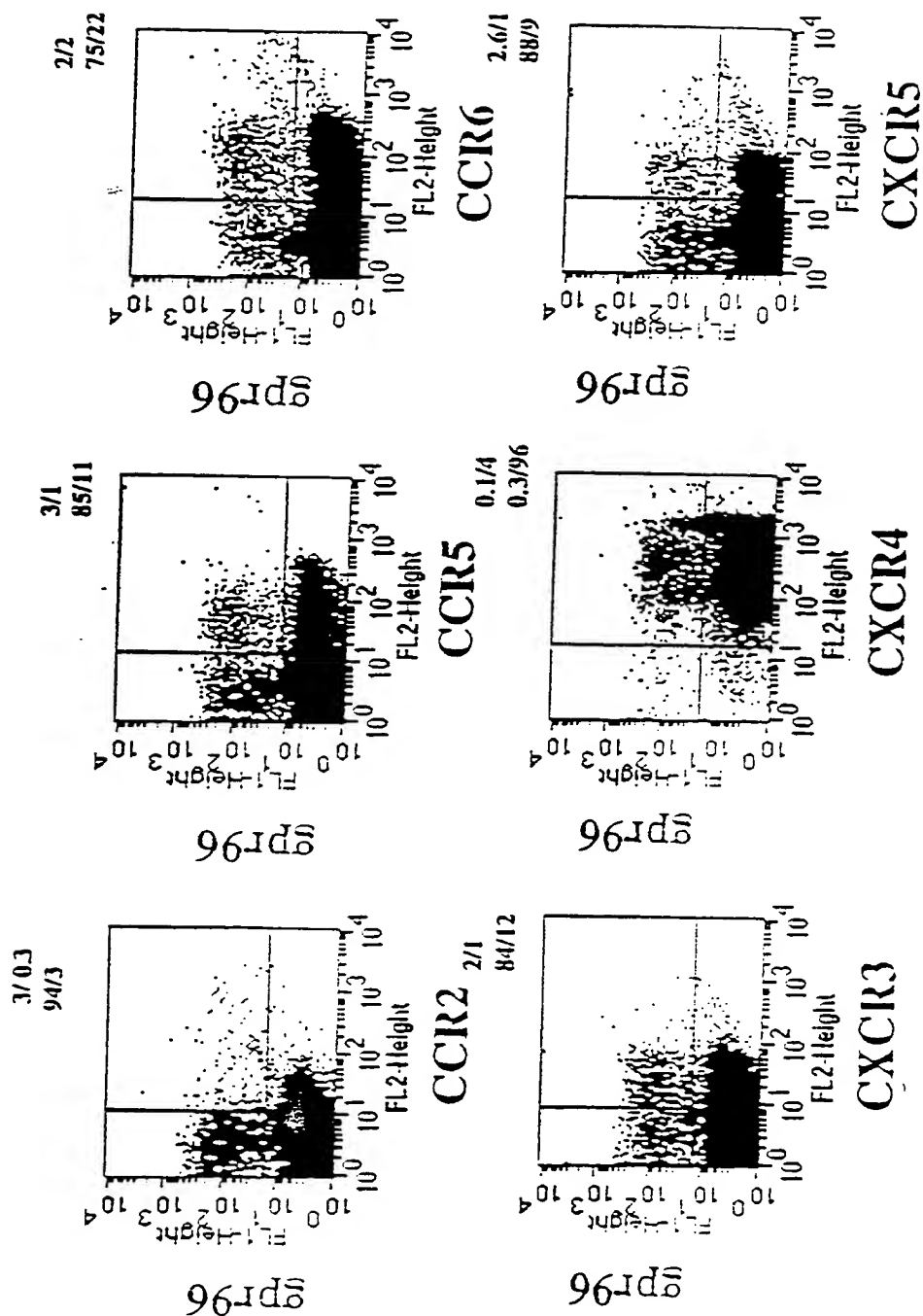
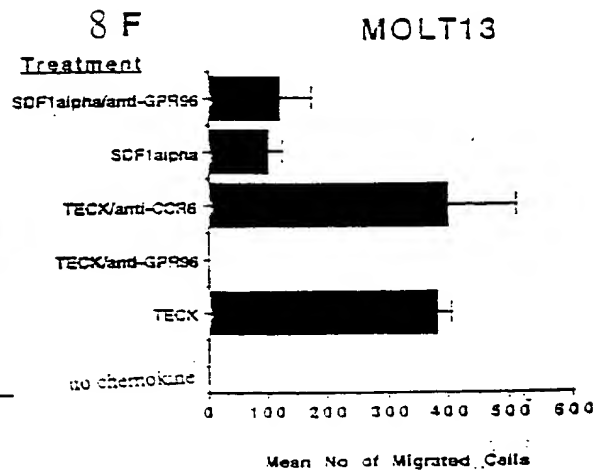
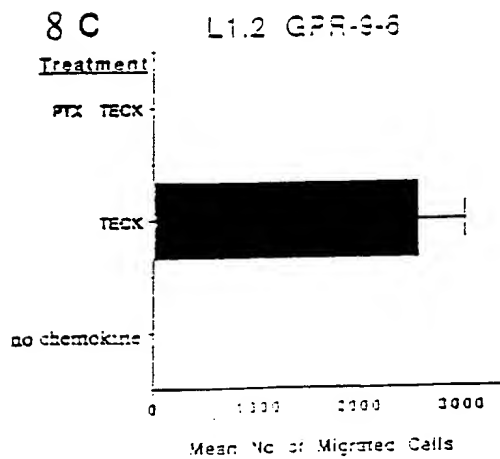
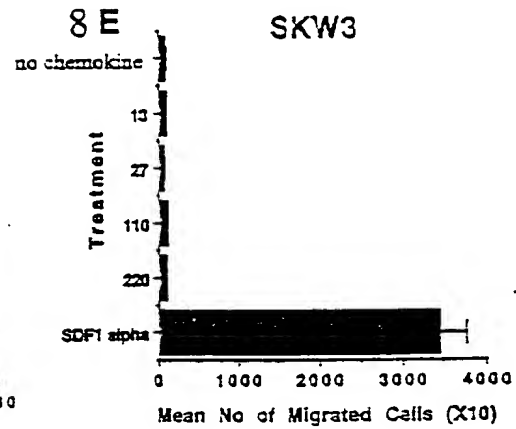
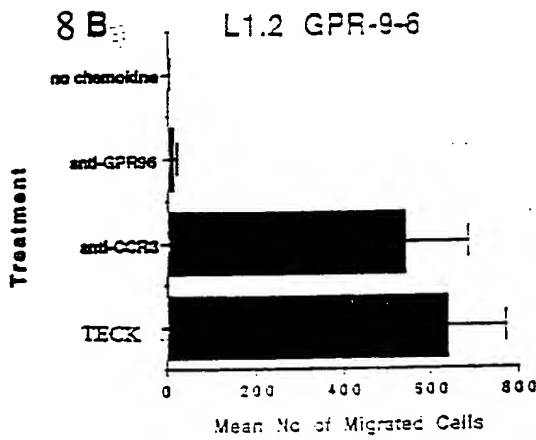
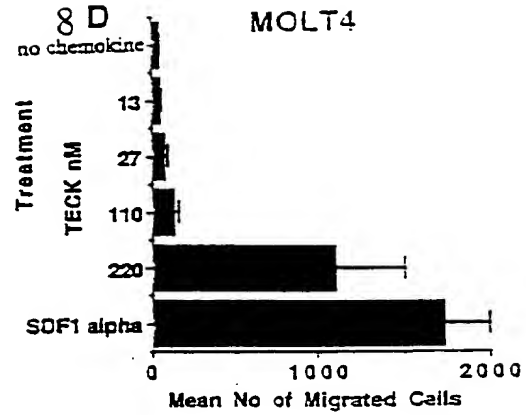
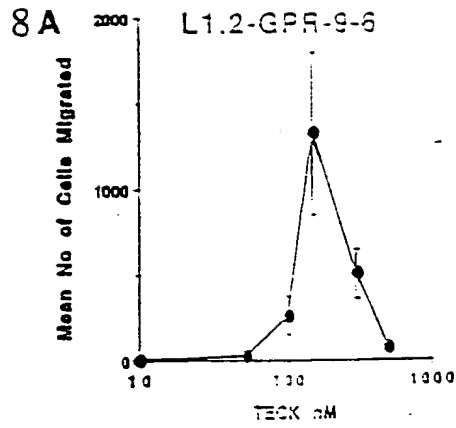


Figure 7

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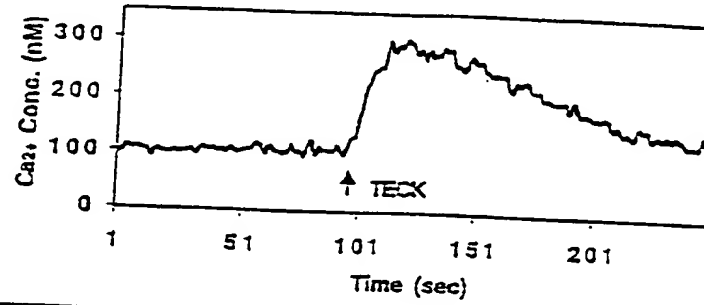


Figures 3A-3F

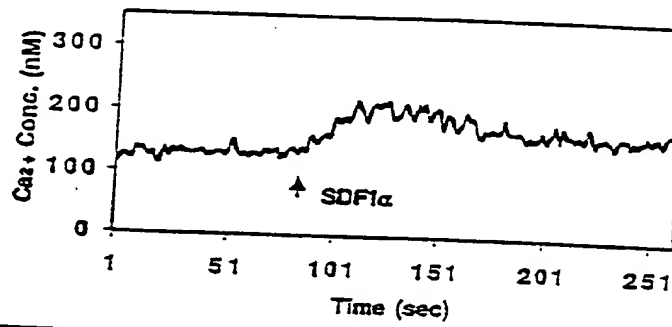
000120"25222960

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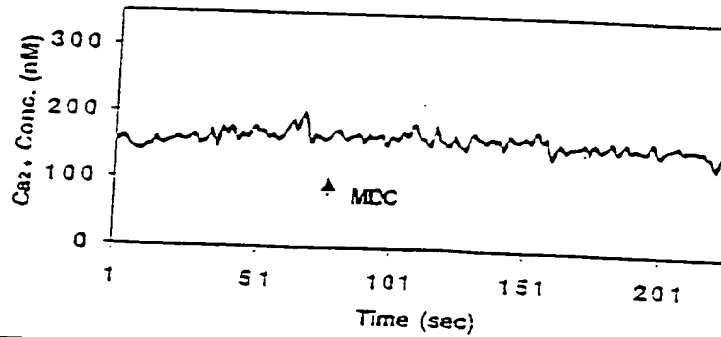
9A



9B



9C



Figures 9A-9C

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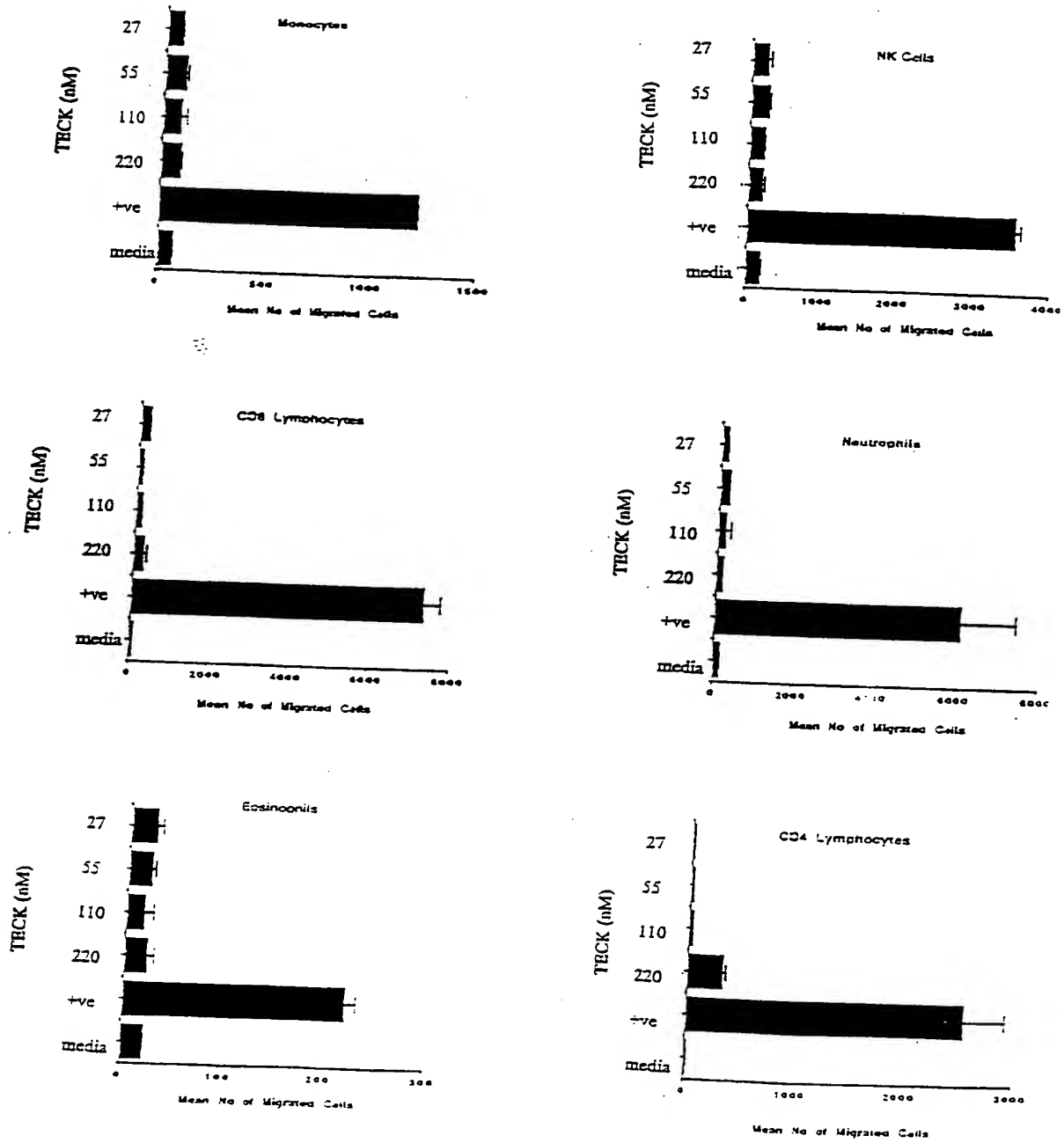
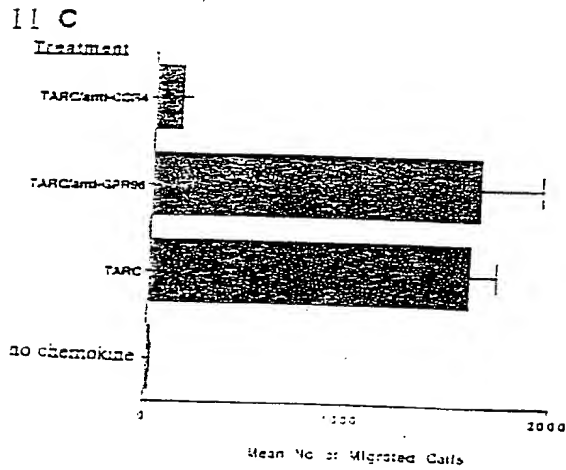
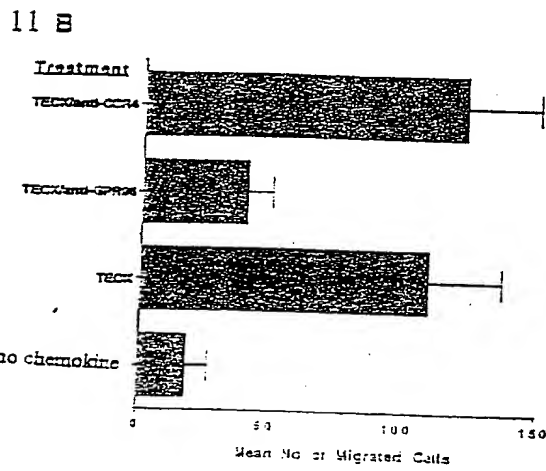
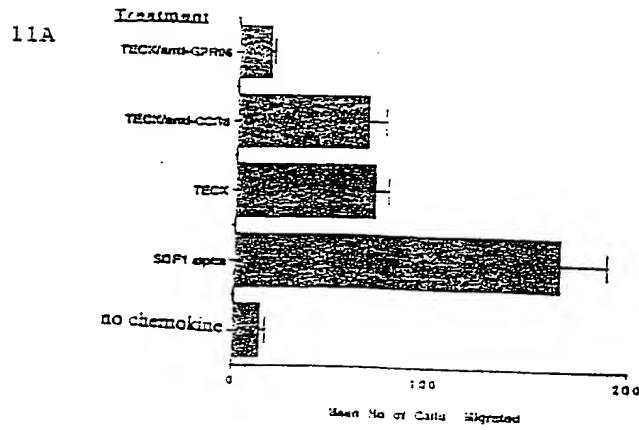


Figure 10

11/25

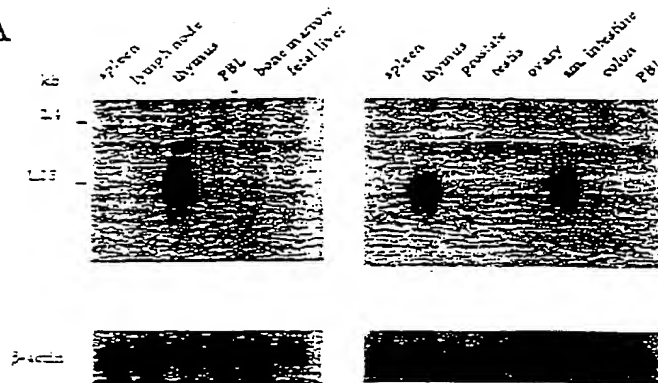


Figures 11A-11C

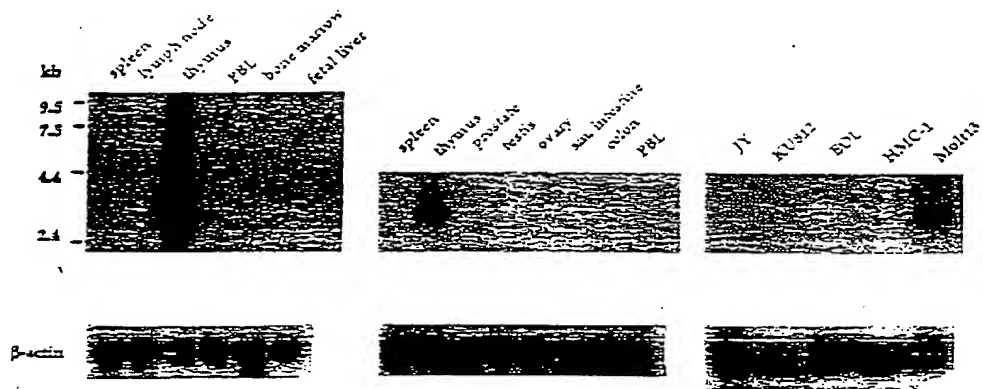
000120 25722560

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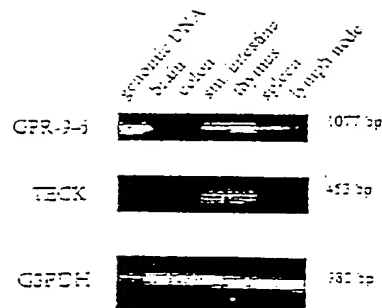
12 A



12 B

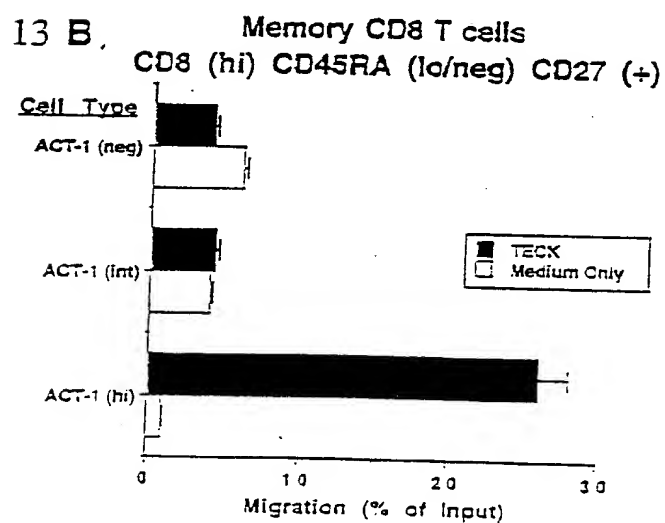
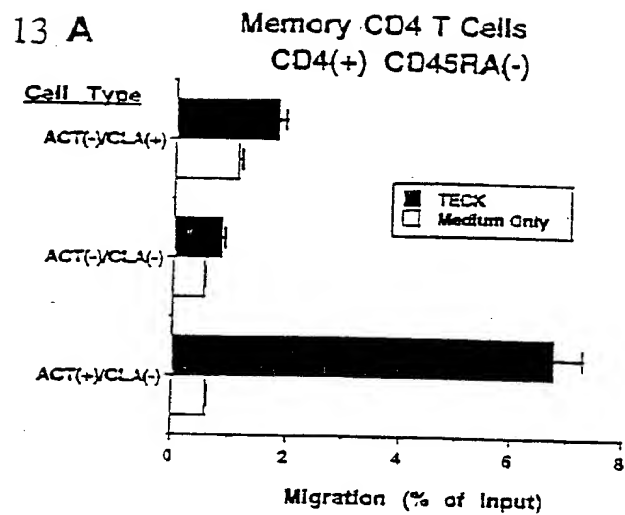


12 C



Figures 12A-12C

000120 25222560



Figures 13A-13B

000000 25422560

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 121 actgacttct actgtagaaa aaacaatgtc aggcagtttg cagaccattt cctccacccc
 181 ttgactctgc tctgttcat cgtgggtgac ttgggcaaca gcttggttat ccttgtctac
 241 ttgactgca caagagtga gacatgacc gacatgttcc ttttgaattt ggaattgtct
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 481 gacataact ttgaggagaa aggtcttttg tacagcaaaa tggtttgett taccatctgg
 541 gtttggcag ctgtctcttg catccagaa atcttatca gccaaatcaa gggaggaatcc
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 661 gctttagacc ttgaaggtcat tctggggttc tcttctcct tctgtgtcat ggttctgtgc
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 781 aaagtgaaca tcaactgctt gacgtcttt gcttctctc agttcccta caactgcatt
 841 ttgttgggtc agaccattga cgtctatgcc atgttcatct ccaactgtgc cgtttccacc
 901 aacattgaca tctgttcca ggtcaccag accatcgcct tcttccacag ttgctgaa
 961 cctgttctct atgtttttgt ggttgagaga tccgcgcggg atctcgtgaa aacctgaa
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 1081 aatctgtctt ctatgttctt ttgagacaaa tcaaggagcac tctcctcttg aggggtcttc
 1141 tctgaggtgc atgttctctt ttgaaagaaat gagaaatata tgaacacgtt tccccactga
 1201 ttggaccaga gagagtgaat gagaaaagaa aactcagaaa gggatgaatc tgaactatat
 1261 gattacttgt agtcagaatt tgcctaaagca aatatttcaa aatcaactga ctagtgcagg
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 1381 gcaactgtga gcaacctggc ttggccact gccggagcat caatgcgct gctctggag
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 1561 cgtgaaaatg tcatctttg ggaattttc taccctgctc ttgagcctga taacctatgc
 1621 caggtcttat agattcttga tctagaacct ttccaggcaa tctcagacct aatttcttc
 1681 tgttctctct gttctgttct gggccagtga aggtctctgt tctgattttg aaacgatctg
 1741 caggtcttgc cagtgaacct ctggacaact gaccacccc acaaggcata caaagtctgt
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Figure 14A

1861 attccttggg atggtgacag tgtctctoca tggcctgagc agggagatta taacagctgg
 1921 gttcgcagga gccagccttg gccctgttgt aggetrgtgc tgttgagtgg cacttgcttt
 1981 ggggtccaccg tctgtctgct cctagaataa tgggctgggt ctttggccc tcttcttctt
 2041 gaggcccaact ttattctgag gaatacagtg agcagatctg ggcagcagcc aggtaggcca
 2101 aaggggtgaa gcgcaggcct tgcctggaagg ctatttactt ccatgcttct cttttctta
 2161 ctctatagtg gcaacatttt aaaagctttt aacttagaga ttaggctgaa aaaaataagi
 2221 aatgggaattc acctttgcat cttttgtgtc ttcttctaca tgatttggca aaatgcatca
 2281 cctttgaaaa tatttccatc attggaaaaag tcttttttaa tgtgtatctg aagcattaat
 2341 taacttgcac ttctttacc ctgtctcaat attttaagtg tgtgcaatta aagatcaaat
 2401 agatacatta agagtgtgaa ggcctggcttg aaggtagtga gctatctcaa teggatttgt
 2461 cacactcagc tacagattga actccttgtt ctacttccct gcttctctct actgcaattg
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Figure 14B

Figure 15

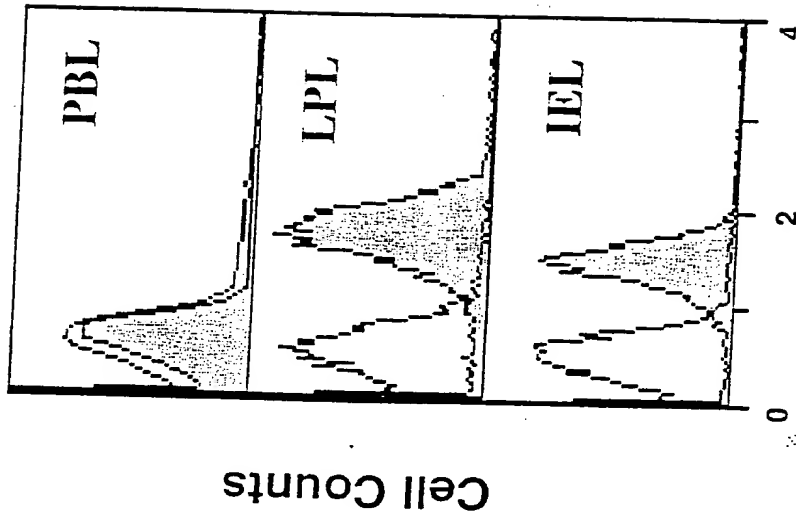


Figure 16A

Figure 16B

Figure 16C

Log₁₀ Fluorescence Intensity

Figure 17A

IEL

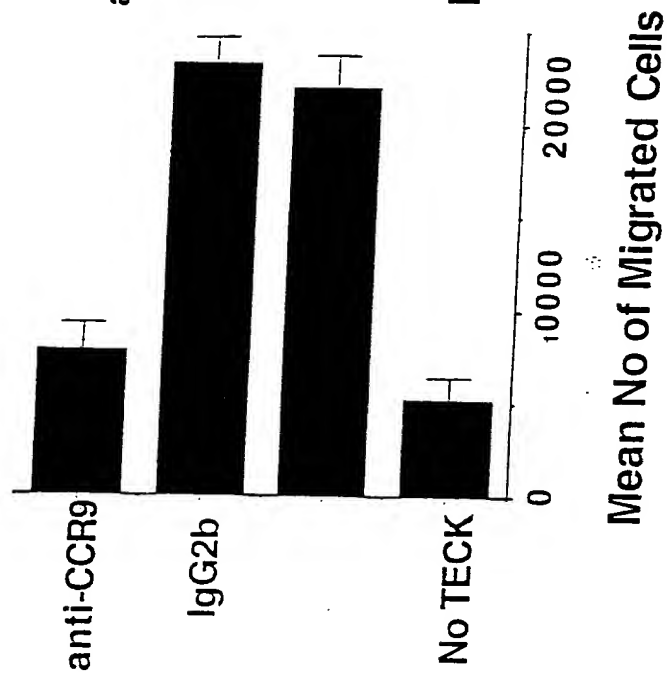
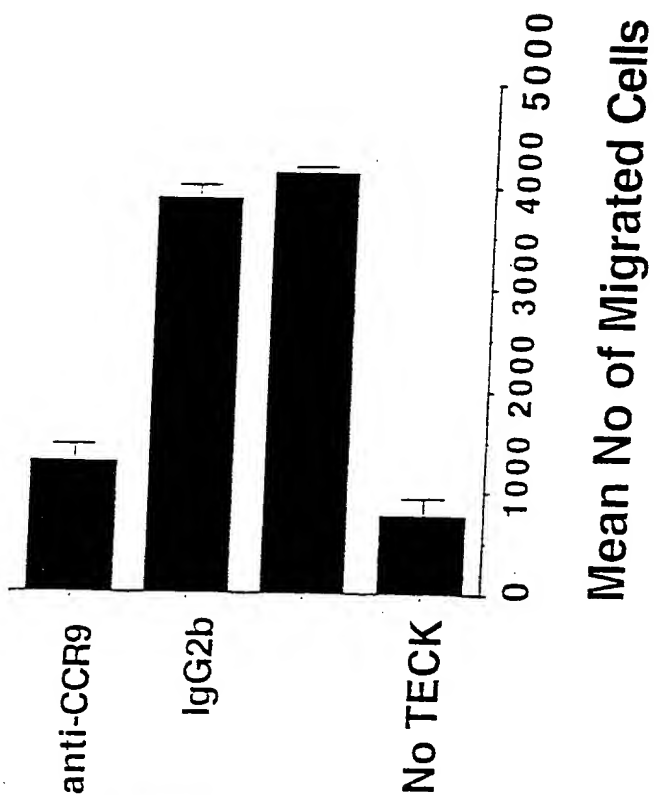


Figure 17B

LPL



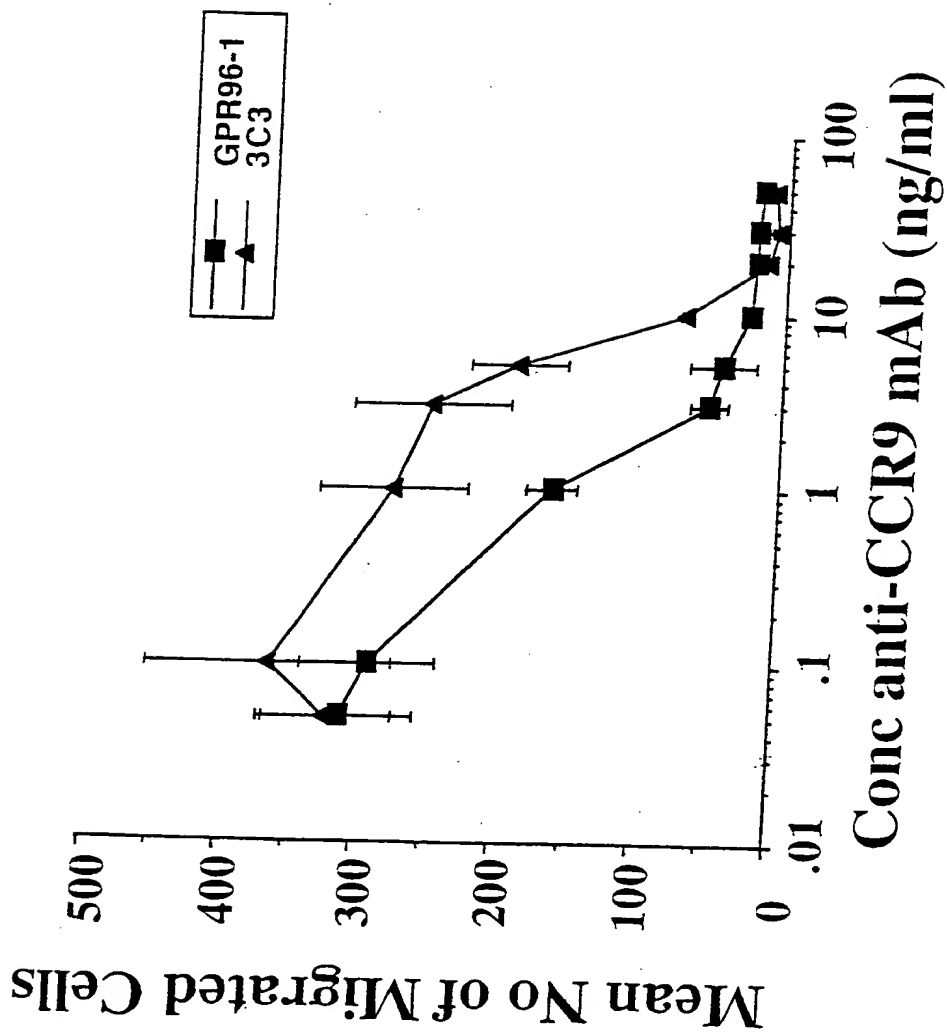
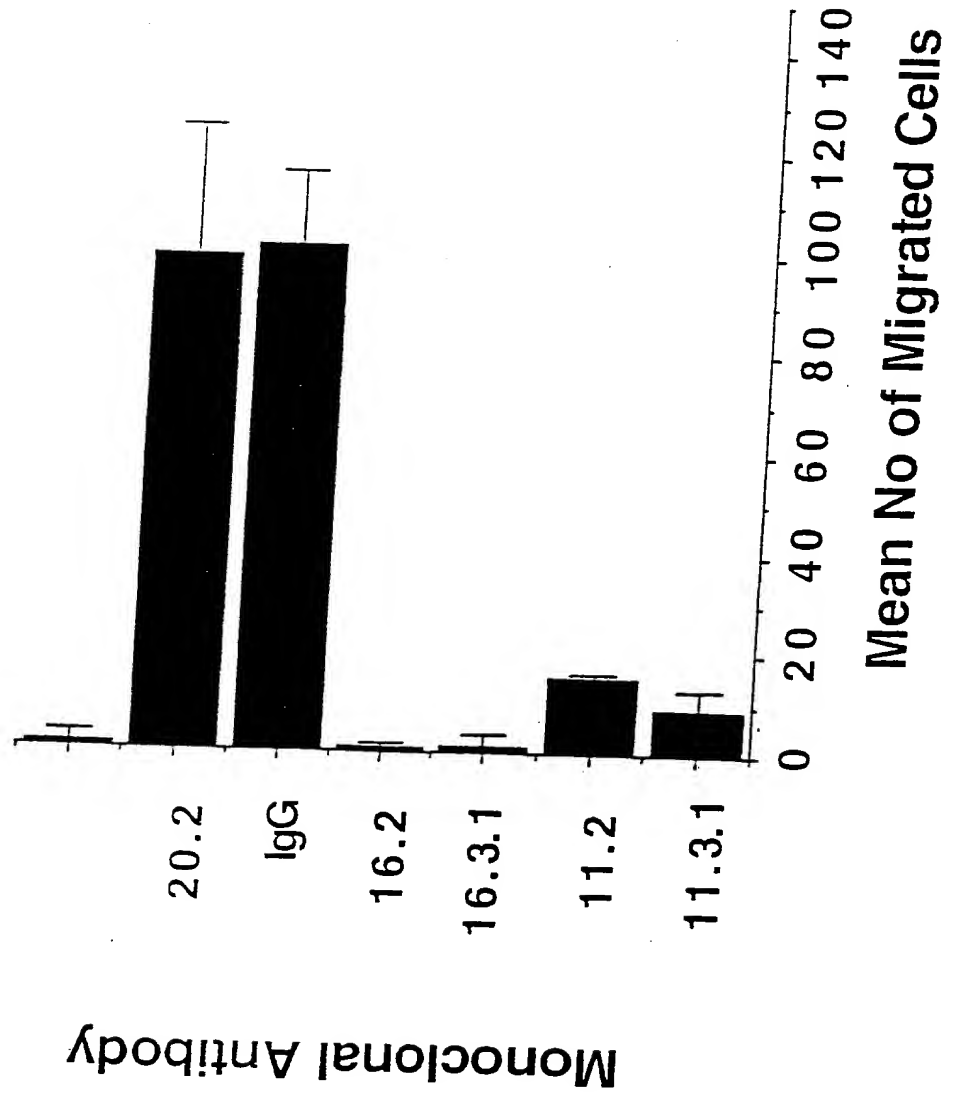


Figure 18

Figure 19



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121 gctgtgtctc ggcgcgcttg gacttacggg atccaggagg tgagcgggag ctgcaatctg
181 cctgctgcga tattctacct ccccaagaga cacaggaagg tgtgtgggaa ccccaaaagc
241 agggaggtgc agagagccat gaagtccttg gatgctcgaa ataaggtttt tgcaaaagctc
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481 acaggagggg ccggatcttt ctccgataaa accgtcgccc tacagaccca gctgtcccca
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721 ggatacctct ctcactttct gtttcttgcc gtccaccccg ggccatgcca gtgtgtcctc
781 tgggtccctt ccaaaaatct ggtcattcaa ggatccctc ccaagggtat gcttttctat
841 aactttttaa taaaccttg ggggtgaatg gaataaaaa

```

Figure 20

000100 2522560

1 mnlwllacly agflgawapa vhtqgvfedc clayhypigw avlrrawtyr iqevegscnl
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121 nsklssskfs npisskrnv sllisansgl

Figure 21

```

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121 gctgtgtctc ggcgcgcctg gacttaccgg atccaggagg tgagcgggag ctgcaatctg
181 cctgctgcga tattctacct ccccaagaga cacaggaaagg tgtgtgggaa ccccaaaagc
241 agggagggtc agagagccat gaagctcctg gatgctgaa ataagggttt tgcaaaagctc
301 caccacaaca ygcagacctt ccaaggccct catgctgtaa agaagttgag ttctggaaac
361 tccaaagtta catcatccaa gttagcaat cccatcagca gcagcaagag gaatgtctcc
421 ctctgatat cagctaattc aggaactgtg gccggtctat ttctgggctc catcggcaca
481 ggagggggcg gatctttctc cgataaaacc gtgcacctac agaccagct gtccccacgc
541 ctctgtcttt tgggtcaagt cttaatccct gcacctgagt tggtoctccc tctgcacccc
601 caccacctcc tgcctgtctg gcaactggaa agaaggagtt ggctgattt taaccttttg
661 ccgctccggg gaacagcaca atcctgggca gccagtggct ctgtagaga aaacttagga
721 tacctctctc actttctgtt tcttgccgtc caccocgggc catgccagtg tgcctctgg
781 gtcccccctc aaaatctggt cattcaagga tccctccca aggcctatgct ttctataaac
841 ttttaataaa accttggggg gtgaatggaa taaaaa

```

Figure 22

1 mnlwllacly agflgawapa vhtqgvfedc clayhypigw avlrrawtyr igevsgscnl
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121 sklssskfsn pissskrns llisansgl

Figure 23

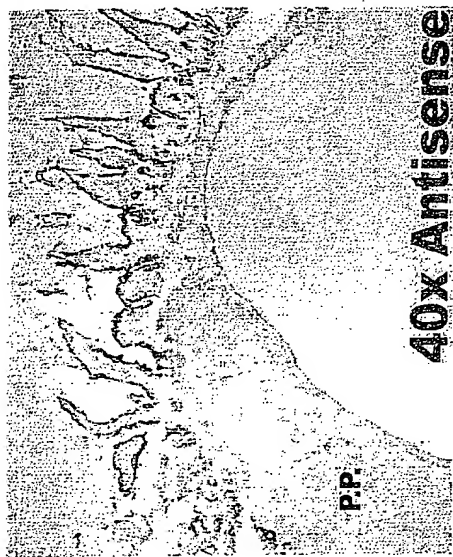


Figure 24A

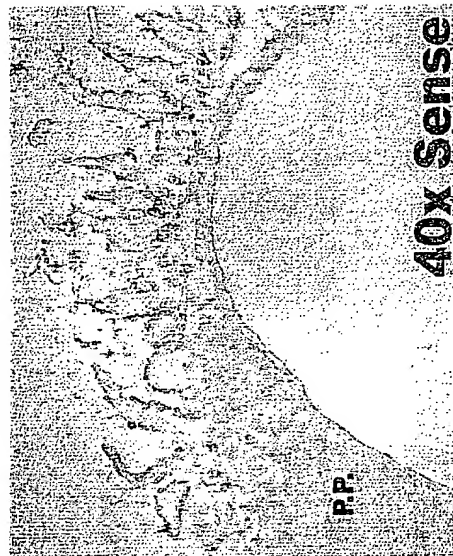


Figure 24C

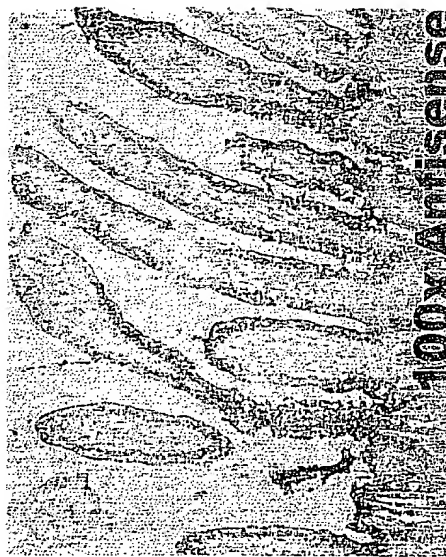


Figure 24B